



Docket No. 131966-2

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



### NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of  
Inventor(s): John Mariner and Timothy Hejl  
For (title): **Encapsulated Graphite Heater And Process**

**1. Type of Application**

This new application is for a (check one applicable item below):

- ☐ Original
- ☐ Design
- ☐ Plant
- ☐ Divisional
- ☐ Continuation
- ☒ Continuation-in-part (CIP)

**2. Benefit of Prior U.S. Application(s) (35 USC 120)**

- ☒ The new application being transmitted claims the benefit of prior  
U.S. patent application Serial No. 10/277,786 filed October 21, 2002.

**3. Papers Enclosed Which Are Required For Filing Date Under 37 CFR 1.53(b)  
(Regular) or 37 CFR 1.153 (Design) Application**

- 17 Pages of spec. (including 4 Pages of claims 1 Page of Abstract)  
2 Sheets of figures  
☒ formal  
☐ informal

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#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited into the United States Postal Service as Express Mail in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 16 day of October, 2003. EXPRESS MAIL NO.: EL 851486420

Hanh T. Pham

**4. Additional Papers Enclosed**

- ☐ Preliminary Amendment
- ☒ Information Disclosure Statement
- ☒ Form PTO-1449
- ☐ Citations
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.
- ☐ Authorization of Attorney(s) to Accept and Follow Instructions from Representative
- ☐ Special Comments
- ☐ Other

**5. Declaration or oath**

- ☒ Enclosed  
executed by (check **all** applicable boxes)
  - ☒ inventor(s).
  - ☐ legal representative of inventor(s). 37 CFR 1.42 or 1.43
  - ☐ joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
    - ☐ this is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 13 below for fee.
- ☐ Not Enclosed.
  - ☐ Application is made by a person authorized under 37 CFR 1.41(c) on behalf of all the above named inventor(s). The declaration or oath, along with the surcharge required by 37 CFR 1.16(e) can be filed subsequently.
    - ☐ Showing that the filing is authorized. (not required unless called into question. 37 CFR 1.41(d).

**6. Inventorship Statement**

With respect to the prior application, the inventors in this application are:

- ☒ The Same
- ☐ Not the same, the following additional inventor(s) have been added:

**7. Language**

X  English  
 \_\_\_ non-English  
 \_\_\_ the attached translation is a verified translation 37 CFR 1.52(d).

**8. Assignment**

X  An assignment of the invention to **GENERAL ELECTRIC COMPANY**  
 \_\_\_ is (are) attached. A separate "ASSIGNMENT COVER LETTER ACCOMPANYING NEW PATENT APPLICATION" is also attached.  
 \_\_\_ will follow.

**9. Certified Copy**

Certified copy(ies) of application(s)

(country)	(appln. no.)	(filed)
from which priority is claimed		
___	is(are) attached.	
___	will follow.	

**10. Fee Calculation (37 CFR 1.16)**

**A.  X  Regular application**

CLAIMS AS FILED							
Number filed		Number Extra		Rate		Basic Fee \$770.00	
Total Claims	24	- 20	= 4	X	\$18.00	\$	72
Independent Claims	3	- 3	= 0	X	\$ 84.00	\$	0
Multiple dependent claim(s), if any				X	\$260.00	\$	0

X  Filing Fee Calculations \$ 842.00  
 \_\_\_ Amendment canceling extra claims enclosed.

☐ Amendment deleting multiple-dependencies enclosed

**B. ☐ Design application**

(\$310.00-37 CFR 1.16(f))

Filing Fee Calculation \$ \_\_\_\_\_

**C. ☐ Plant application**

(\$510.00-37 CFR 1.16(g))

Filing Fee-Calculation \$ \_\_\_\_\_

**11. Small Entity Statement(s)**

☐ Verified Statement(s) that this is a filing by a small entity under 37 CFR 1.9 and 1.27 is(are) attached.

Filing Fee Calculation (50% of **A**, **B** or **C** above) \$ \_\_\_\_\_

**12. Request for International-Type Search (37 CFR 1.104(d))**

☐ Please prepare an international-type search report for this application at the time when national examination on the merits takes place.

**13. Fee Payment Being Made At This Time**

☐ Not Enclosed

☐ No filing fee is to be paid at this time. (This and the surcharge required by 37 CFR 1.16(e) can be paid subsequently.)

☒ Enclosed

☒ basic filing fee \$ 842.00

☐ recording assignment (\$40.00; 37 CFR 1.21 (h)) \$ \_\_\_\_\_

☐ petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached. (\$130.00; 37 CFR 1.47 and 1.17(h)) \$ \_\_\_\_\_

☐ for processing an application with a specification in a non-English language. (\$130.00; 37 CFR 1.52(d) and 1.17(k)) \$ \_\_\_\_\_

☐ processing and retention fee (130.00; 37 CFR 1.53(d) and 1.21(1)) \$ \_\_\_\_\_

☐ fee for international-type search report \$40.00; 37 CFR 1.21(e)) \$ \_\_\_\_\_

**Total fees enclosed \$ 842.00**

**14. Method of Payment of Fees**

     Check in the amount of \$                       
  X   Charge Account No. **50-2339** in the amount of \$ 842.00  
A duplicate of this transmittal is attached.


**15. Authorization to Charge Additional Fees**

  X   The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. **50-2339**:  
  X   37 CFR 1.16(a), (f) or (g) (filing fees)  
  X   37 CFR 1.16(b), (c) and (d) (presentation of extra claims)  
  X   37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)  
  X   37 CFR 1.17 (application processing fees)  
  X   37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b))

**16. Instructions As To Overpayment**

  X   credit Account No. **50-2339**  
     refund

GENERAL ELECTRIC COMPANY  
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October   16  , 2003

  
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